



# **Navy Executive Safety Board (NESB) Flag Panel Meeting**

**10 October 2007**



# Agenda

- **WELCOME: VCNO/COMNAVSAFECEN**
- **INFO BRIEF: DSOC FUNDING OF SAFETY INITIATIVES.**
  - **BRIEFER: DSOC EXECUTIVE SECRETARY**
- **INFO BRIEF: UPDATE FLEET STANDARDS AND CONDUCT/SR2I.**
  - **BRIEFER: USFF**
- **INFO BRIEF: CHIEF STANDARDS AND CONDUCT BOARD PILOT PROGRAM.**
  - **BRIEFER: FLEET MASTER CHIEF WEST (USFF)**
- **INFO BRIEF: OPERATIONS SAFETY COMMITTEE (OSC) UPDATE.**
  - **BRIEFER: OSC ACTION OFFICER**
- **INFO BRIEF: OPERATIONS SAFETY SUPPORT COMMITTEE (OSSC) UPDATE.**
  - **BRIEFER: OSSC ACTION OFFICER**
- **INFO BRIEF: NAVY MISHAP STATS FOR FY07 AND FY08 MISHAP CEILINGS.**
  - **BRIEFER: NAVSAFECEN ACTION OFFICER**
- **INFO BRIEF: STAND UP OF THE HIGH RISK BEHAVIOR WG.**
  - **BRIEFER: WG CHAIR**
- **FLAG DISCUSSION**
- **CLOSING COMMENTS - VCNO**





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# ***Defense Safety Oversight Council Initiatives Briefing to the Navy Executive Safety Board***

***Joseph J. Angello, Jr.  
Executive Secretary  
Defense Safety Oversight Council***

***October 10, 2007***



# ***Agenda***

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- **DSOC Background and History**
- **DSOC Initiatives**



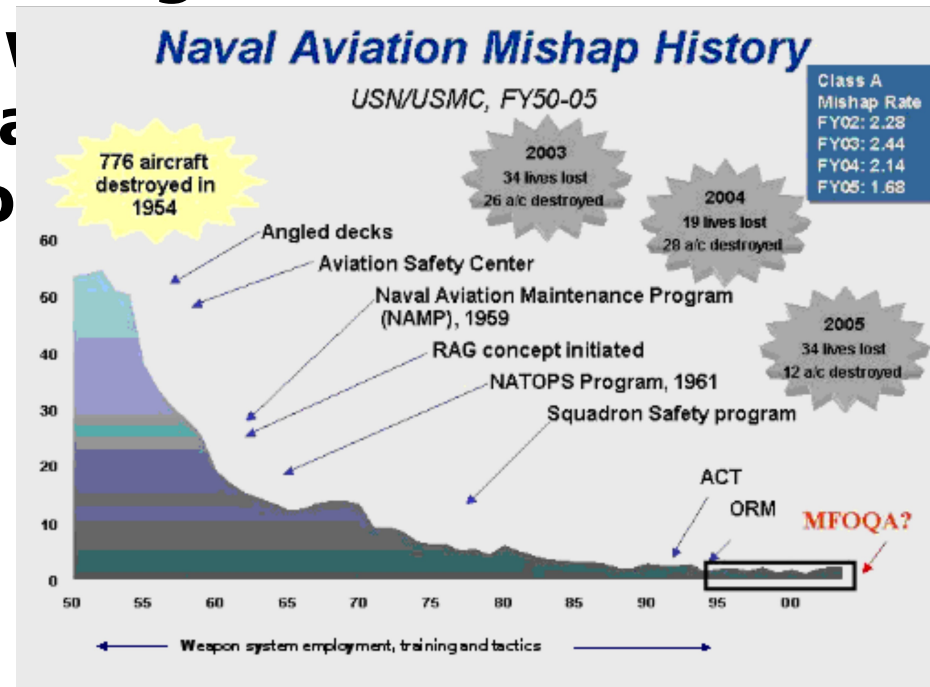
# Challenge

- “After 50 years of declining rates, improvements appear to have stagnated” .

Congressional Research Service, September 16, 2002

- “To impart a cultural change, we need to break the paradigm. Things will not get us to the next level.”

- Dr. David S. C. Chu,  
Under Secretary of Defense for  
Personnel and Readiness, June 2003



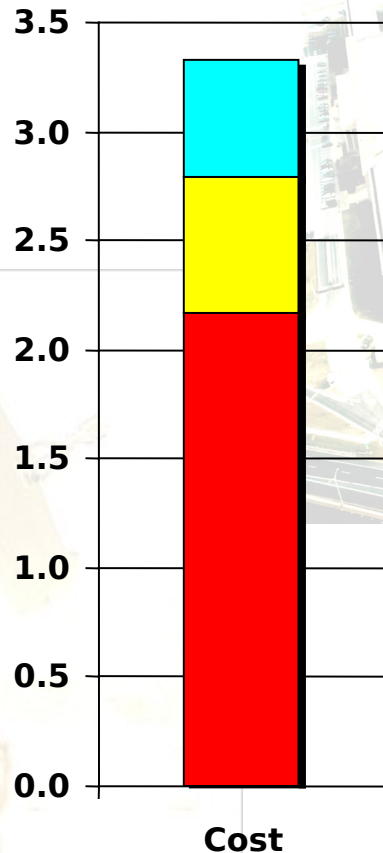


# Direct Accident Costs

**Military  
Injuries**

**Aviation &  
Ground  
Accidents**

\$ Billions



**Civilian  
Workers'  
Compensation**

**National Safety  
Council estimates the  
indirect cost of  
accidents to be 4x  
the direct cost**



# ***Strategic Planning Guidance Language Fiscal Years 2008-2013***

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**(U) Safety Technologies—DoD components will prioritize safety technologies across all activities in support of the Department's 75% mishap reduction effort. The Department loses over \$3B per year due to accidents and mishaps with consequent impacts on readiness. Accordingly, the Department will continue striving to maximize the impact that training and policies have on mishap prevention. However, DoD efforts to reduce preventable mishaps must move to the next level. Significant improvements in the area of mishap prevention require technology insertion. Moreover, many aviation and non-aviation technologies, such as roll-over warning systems for wheeled vehicles, can demonstrate cost benefits and increased operation readiness. Components will vigorously pursue use of the these safety technologies in an effort to reduce the loss of valuable combat resources.**



# Secretary's Guidance

## May 30, 2007

- **“We can no longer tolerate the injuries, costs and capability losses from preventable accidents”**
- **“Our goal is zero preventable accidents, and I remain committed to achieving the 75% accident reduction target in 2008”**
- **“The current focus of our Safety Council is increasing the accountability of individuals and leaders as well as pursuing safety technologies”**
- **“We have no greater responsibility than to take care of those who volunteer to serve”**

 THE SECRETARY OF DEFENSE  
1000 DEFENSE PENTAGON  
WASHINGTON, DC 20301-1000 MAY 30 2007




MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS  
CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
UNDER SECRETARIES OF DEFENSE  
ASSISTANT SECRETARIES OF DEFENSE  
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE  
DIRECTOR, OPERATIONAL TEST AND EVALUATION  
INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE  
ASSISTANTS TO THE SECRETARY OF DEFENSE  
DIRECTOR, ADMINISTRATION AND MANAGEMENT  
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION  
DIRECTOR, NET ASSESSMENT  
DIRECTORS OF THE DEFENSE AGENCIES  
DIRECTORS OF THE DOD FIELD ACTIVITIES

SUBJECT: Zero Preventable Accidents

I am committed to reducing preventable accidents as one of the cornerstones of the Department of Defense's Safety Program. Consistent with the President's Safety, Health, and Return-To-Employment (SHARE) initiative, I have set some very specific mishap reduction goals for the Department. We are focused on closely monitoring our most pressing mishap areas: civilian and military injuries, aviation accidents, and the number one non-combat killer of our military, private motor vehicle accidents.

We can no longer tolerate the injuries, costs, and capability losses from preventable accidents. Accidents cost the Department about \$3 billion per year, with indirect costs up to four times that amount. We have made progress in reducing aviation accidents and civilian lost work days, but have much more to do to address military injuries and private motor vehicle fatalities. Our goal is zero preventable accidents, and I remain fully committed to achieving the 75% accident reduction target in 2008.

The current focus of our Safety Council is on increasing the accountability of individuals and leaders, as well as pursuing safety technologies. Accountability and leadership are key to an effective safety program. I urge you to continue to emphasize safety in the workplace and hold leaders accountable for their safety programs. Your efforts will make the Department a safer place to work, and more capable of defending the Nation and her interests. We have no greater responsibility than to take care of those who volunteer to serve.





# ***DSOC Governance Role***

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- **Ensure personal involvement of the senior leadership**
- **Promote the 75% accident reduction effort to all levels of the military and civilian leadership**
- **Execute the specific initiatives to reduce accidents and time lost due to injuries**
- **Garner the resources to support the initiatives**
- **Manage progress toward goal**
- **Provide periodic updates to the Secretary**

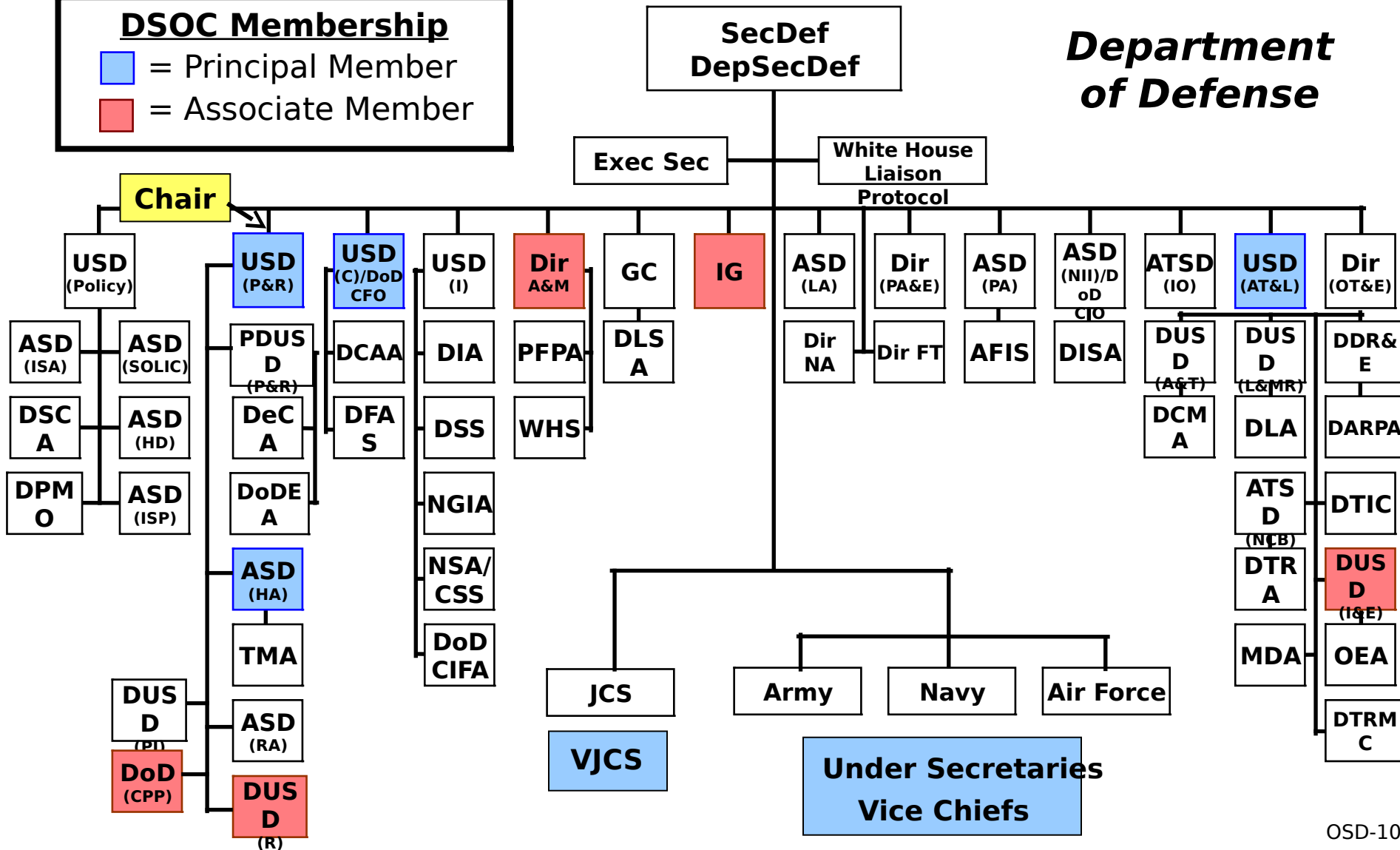


# DSOC Membership

## DSOC Membership

- = Principal Member
- = Associate Member

## Department of Defense





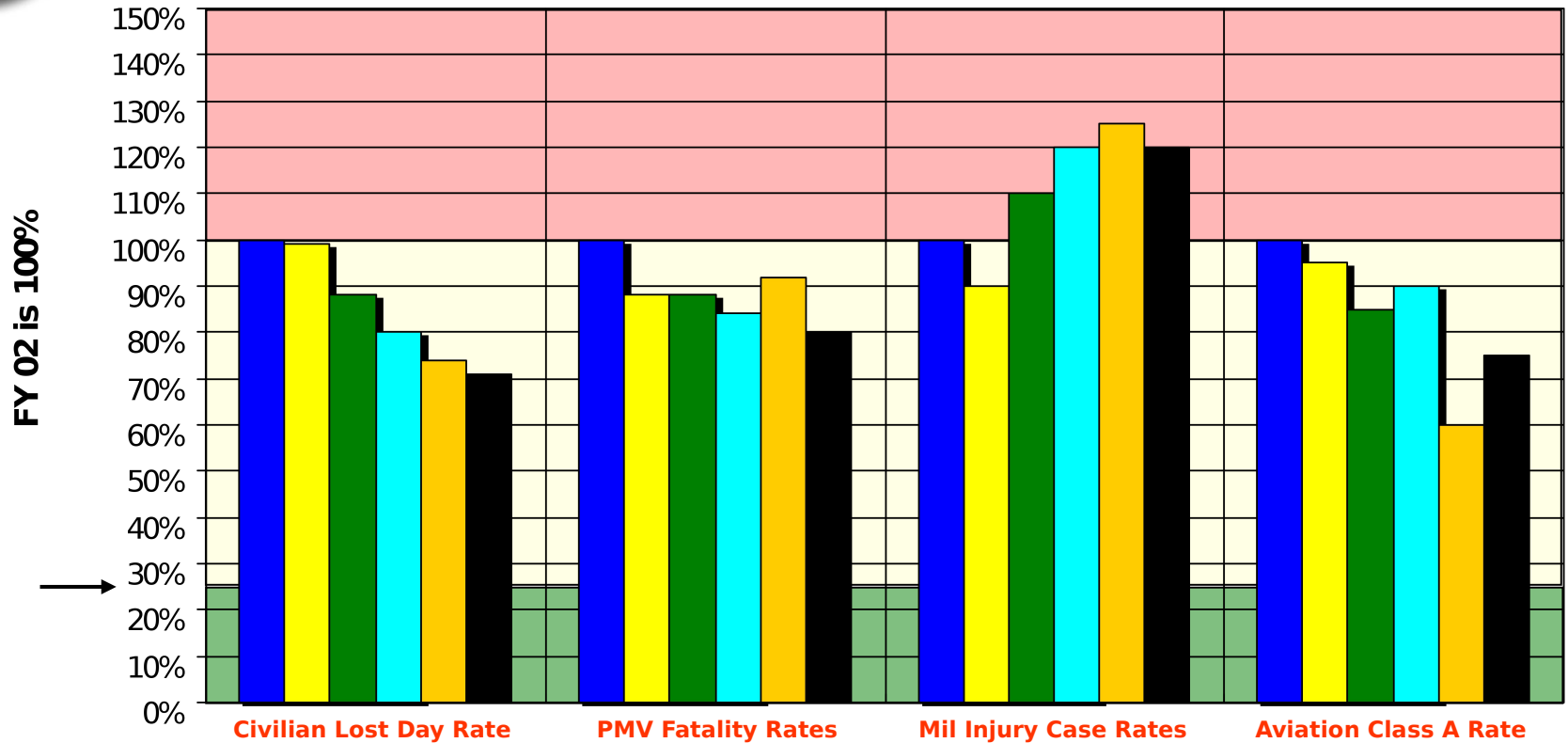
# ***DSOC Task Forces***

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- **Acquisition and Technology Programs**
- **Aviation Safety Improvements**
- **Deployment and Operations**
- **Enterprise Data and Information**
- **Installation and Industrial Operations**
- **Military Training**
- **Private Motor Vehicle Accident Reduction**
- **Sports Injury Prevention**
- **Workers' Injury Compensation**



# Overall DoD DSOC Metrics



| Baseline FY 02 |  | 31.5              | 20.5 | 2.0              | 2.0 |
|----------------|--|-------------------|------|------------------|-----|
| FY 03          |  | 31.1              | 18.0 | 1.8              | 1.9 |
| FY 04          |  | 27.9              | 18.1 | 2.2              | 1.7 |
| FY 05          |  | 25.2              | 17.2 | 2.4              | 1.8 |
| FY 06          |  | 23.4              | 18.8 | 2.5              | 1.2 |
| FY 07 (31 Aug) |  | 22.5 <sup>1</sup> | 16.5 | 2.4 <sup>2</sup> | 1.5 |

Note 1: Civilian Lost Day Rate as of 18 Aug 2007; Note 2: Military Injury Rates as of 30 June 2007



# DSOC Initiatives

- Low cost mishap reduction proposals with high return on investment
- Recommended by the DSOC task forces
- Approved by the Deputy Secretary at August 2004 Senior Readiness Oversight Council (SROC)
- Funding provided in PBD 705

**Proposals for  
Maximized Benefit and FY 2005 Cost Ceiling**

| Name   | Benefit | Name  | Benefit |
|--|---------|---|---------|
| Root Cause (Epidemiology) Analysis of DoD Military Injuries              | 68%     | Safety Professional Intern Program                                  | 49%     |
| Establish Safety Organization in USSOCOM                                 | 65%     | Traffic Safety Professional Training Requirements                   | 49%     |
| Science-based Policies & Programs to Prevent Physical Training Injuries  | 65%     | Alcohol Use and Mitigation Surveillance                             | 49%     |
| Anatomically-specific Military Footwear DemVal                           | 60%     | Alcohol Use Reduction: Web-Based Education                          | 45%     |
| Automated Support of Operational Risk Management of Driving (AS MIS)     | 57%     | Commander's Automated Tool for Operational Risk Management (ORM)    | 44%     |
| Train Acquisition Personnel to Correct Injury-causing Designs            | 57%     | Reduce Alcohol Use - Social Norm Approach                           | 44%     |
| Musculoskeletal Injury Risk Estimator Tool                               | 56%     | Promote Risk Management as Life Skill - DemVal                      | 42%     |
| Train Recruit Training Facility Leadership to Prevent Injuries           | 55%     | Add ESOHS standards to the Acquisition Program Manager's Tool (PMT) | 39%     |
| Integrate Environment Safety & Occ Health into DAU Curricula             | 54%     | Change motor vehicle operators behaviors - DemVal                   | 67%     |
| Mothers Against Drunk Driving (MADD) Traffic Safety Shows Applied to DoD | 54%     | "Need for Speed" Focused Training by NASCAR Drivers (Two-Year Test) | 48%     |
| COCOM Safety Liaison Officers  | 54%     | Private Motor Vehicle Simulator Training (Limited Test)             | 43%     |
| Bird/Wildlife Aircraft Strike Hazard (BAS) Small Mobile Radars (SMR)     | ---     | Automatic Ground Collision Avoidance System (AGCAS) DemVal          | 73%     |

• \$10M  
• \$15M  
• \$31M



# ***Overall DSOC Initiative Guidance***

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- **Provide “seed money” to initiate projects**
  - Dem/Val type of initiatives to kick start good ideas
  - Complementary to Service/Agency actions
- **Seek short term initiatives**
  - Immediate measurable impact
  - Solid business case for implementation
- **All O&M funding - restrictions apply**
- **Will likely use integrating contract**
  - Consistent project management
  - Exceptions for compelling cases

Document  
with a  
transition  
plan



# ***Project Guidelines***

## **Acceptable**

- **Maintenance Resource Management**
- **Initial Entry Injury Tracking System**
- **Mid-Air Collision Avoidance website**
- **Return to Work**
  - 470 returned to work
  - 101 removed from rolls
  - \$389 cost avoidance

## **Not Acceptable**

- **Reimbursement for:**
  - Direct government salaries
  - Internal projects
  - Travel
- **General purpose equipment**
- **R&D type studies**
- **Maintenance**



# ***Initiative Guidelines***

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- **Task Force Chairs submit initiatives**
  - Initiatives must be related to task force charter
  - Submissions must be prioritized
  - No fiscal or numerical constraints
- **All Initiatives must pass quality test**
  - Review package for execution
  - “Quad chart” for presentation to DSOC IG
- **Voting by the DSOC Integration Group**





# ***Navy Participation***

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- **Provide plans to mitigate the recent spike in rotary wing aviation accidents**
- **Validate and finalize Voluntary Protection Programs (VPP) timelines**
- **Support initiatives promoting accountability and technology insertions such as:**
  - Aviation collision avoidance systems
  - Tactical vehicle safety systems
  - Using safety “stand downs” for serious mishaps
  - Audit completion of corrective actions

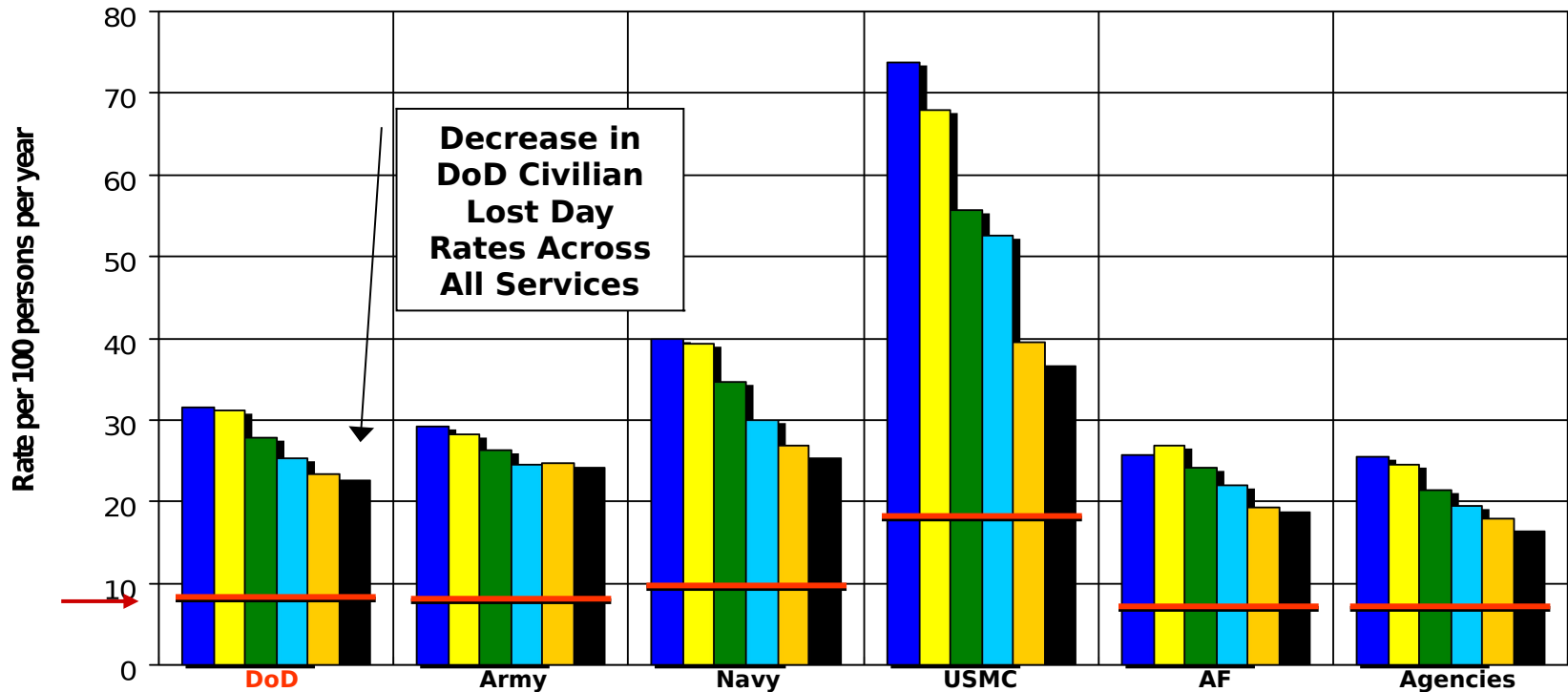


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# BACKUP



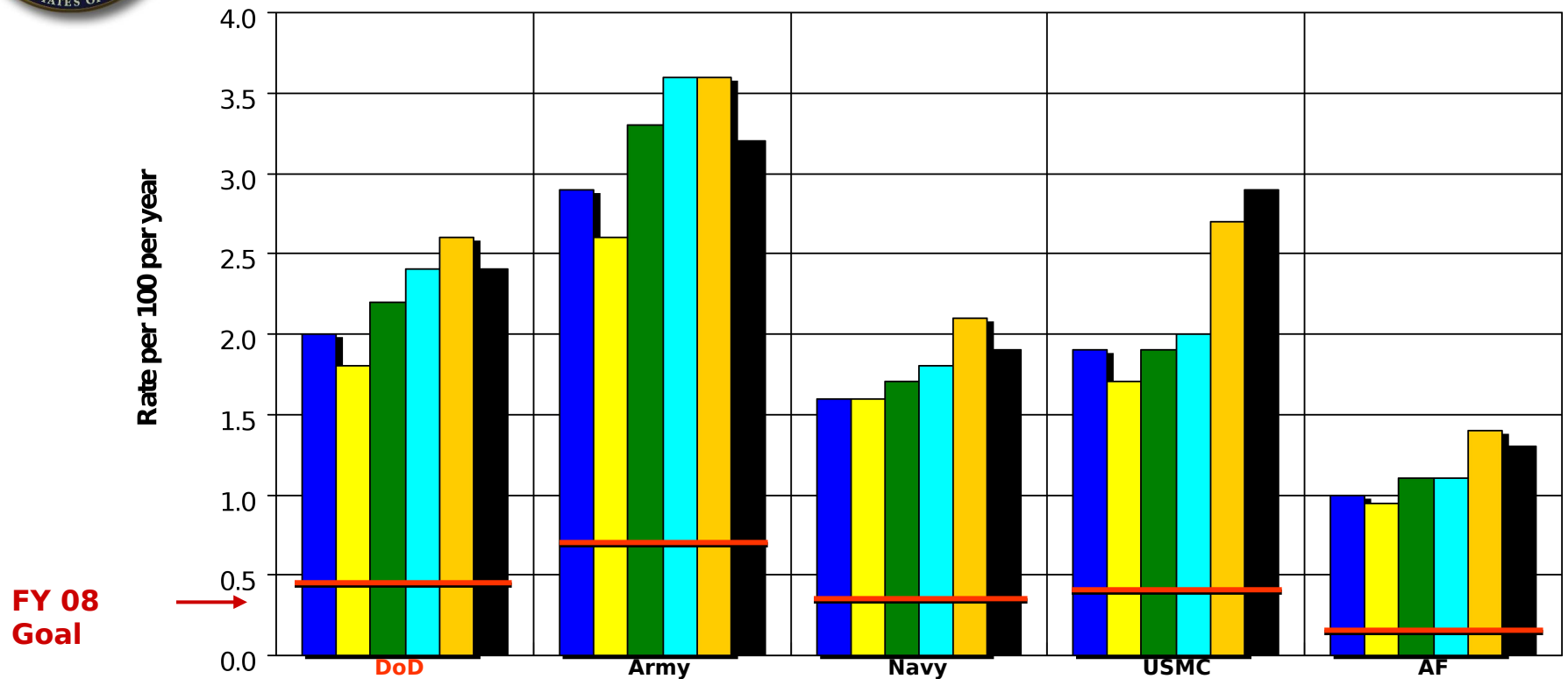
# Civilian Lost Day Rates









| Baseline FY 02    |  | 31.5 | 29.3 | 39.8 | 73.8 | 25.6 | 25.6 |
|-------------------|--|------|------|------|------|------|------|
| FY 03             |  | 31.1 | 28.3 | 39.4 | 68.0 | 26.9 | 24.5 |
| FY 04             |  | 27.9 | 26.3 | 34.7 | 55.7 | 24.2 | 21.5 |
| FY 05             |  | 25.2 | 24.6 | 29.9 | 52.6 | 22.1 | 19.5 |
| FY 06             |  | 23.4 | 24.6 | 26.9 | 39.5 | 19.4 | 18.0 |
| FY 07 (18 Aug)    |  | 22.5 | 24.2 | 25.4 | 36.6 | 18.7 | 16.4 |
| Reduction to Date |  | 29%  | 17%  | 36%  | 50%  | 27%  | 36%  |



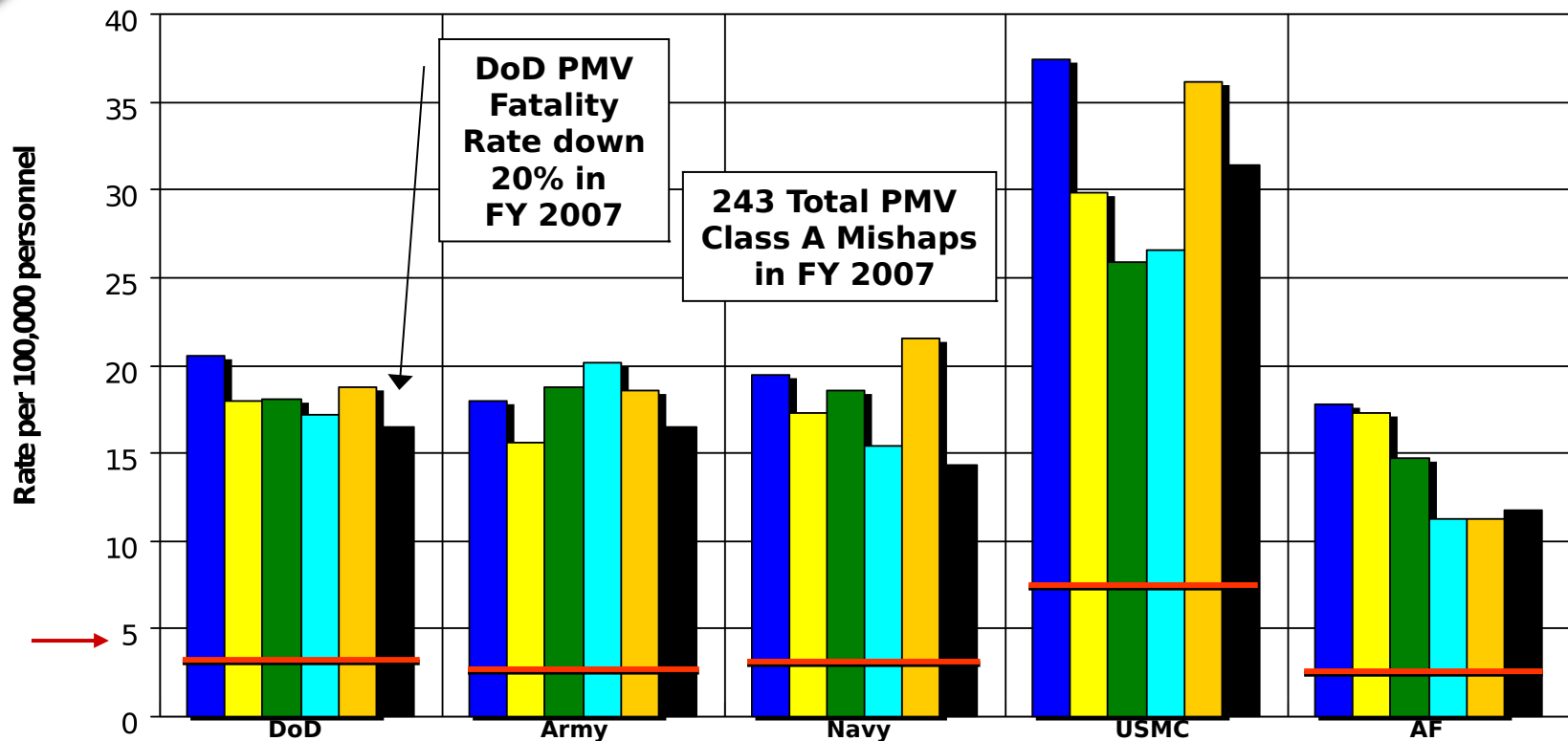
# Military Injury Case Rates



| Baseline FY 02    |  | 2.0   | 2.9   | 1.6   | 1.9   | 1.0   |
|-------------------|---|-------|-------|-------|-------|-------|
| FY 03             |  | 1.8   | 2.6   | 1.6   | 1.7   | .95   |
| FY 04             |  | 2.2   | 3.3   | 1.7   | 1.9   | 1.1   |
| FY 05             |  | 2.4   | 3.6   | 1.8   | 2.0   | 1.1   |
| FY 06             |  | 2.6   | 3.6   | 2.1   | 2.7   | 1.3   |
| FY 07 (30 June)   |  | 2.4   | 3.2   | 1.9   | 2.9   | 1.3   |
| Reduction to Date |   | (20%) | (10%) | (19%) | (53%) | (30%) |



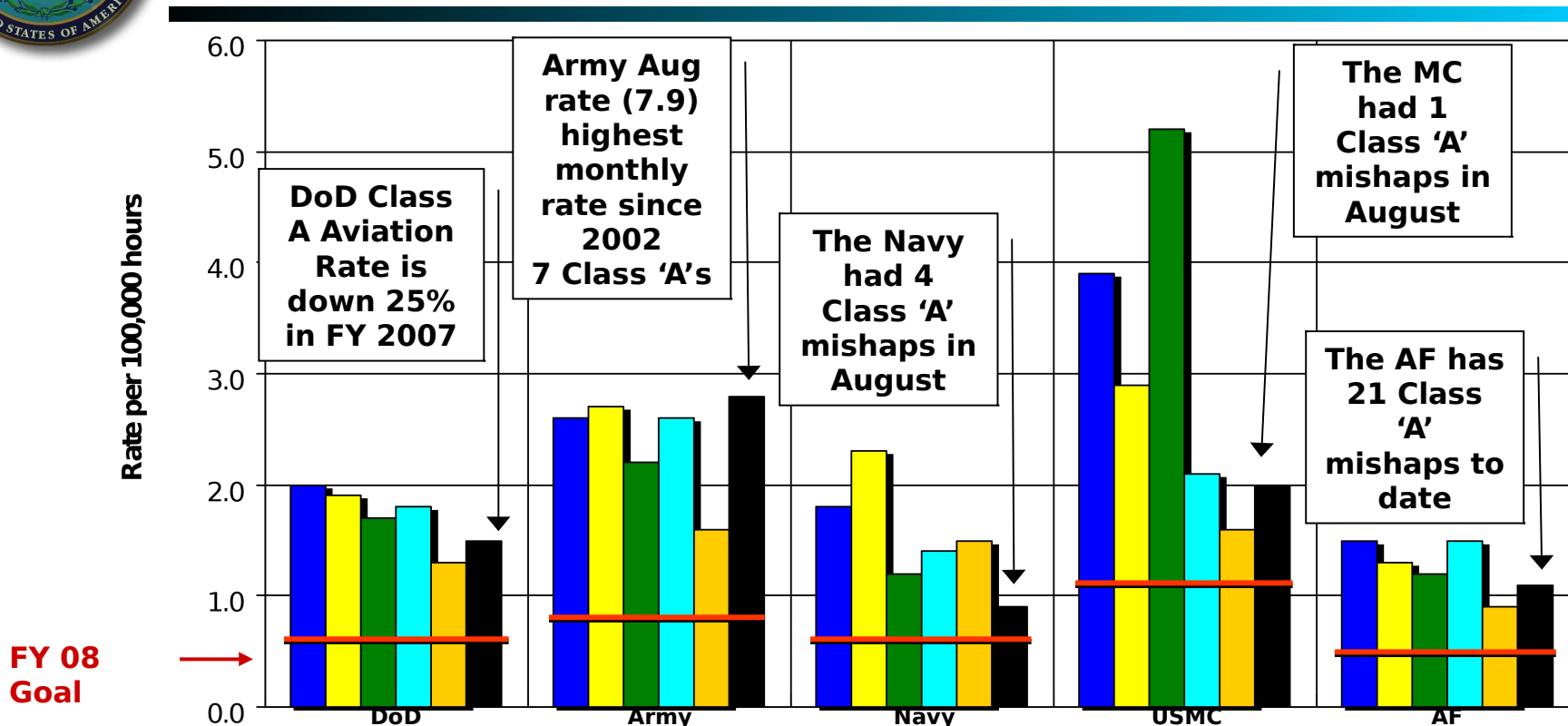
# Private Motor Vehicle Fatality Rates



| Baseline FY 02    | DoD  | Army | Navy | USMC | AF   |
|-------------------|------|------|------|------|------|
| FY 03             | 18.0 | 15.6 | 17.3 | 29.8 | 17.3 |
| FY 04             | 18.1 | 18.8 | 18.6 | 25.9 | 14.7 |
| FY 05             | 17.2 | 20.1 | 15.4 | 26.6 | 11.3 |
| FY 06             | 18.8 | 18.6 | 21.5 | 36.1 | 11.3 |
| FY 07 (31 Aug)    | 16.5 | 16.5 | 14.3 | 31.4 | 11.8 |
| Reduction to Date | 20%  | 8%   | 27%  | 16%  | 34%  |



# Aviation Class 'A' Flight Mishap Rates



| Baseline FY 02    | 2.0 | 2.6  | 1.8 | 3.9 | 1.5 |
|-------------------|-----|------|-----|-----|-----|
| FY 03             | 1.9 | 2.7  | 2.3 | 2.9 | 1.3 |
| FY 04             | 1.7 | 2.2  | 1.2 | 5.2 | 1.2 |
| FY 05             | 1.8 | 2.6  | 1.4 | 2.1 | 1.5 |
| FY 06             | 1.3 | 1.6  | 1.5 | 1.6 | 0.9 |
| FY 07 (31 Aug)    | 1.5 | 2.8  | 0.9 | 2.0 | 1.1 |
| Reduction to Date | 25% | (4%) | 50% | 49% | 27% |



# ***Fleet Standards and Conduct***



***Navy Executive Safety Board  
10 October 2007***



# ***Fleet Standards and Conduct***



## **Navy Core Values**

- Honor
- Courage
- Commitment







# ***Fleet Standards and Conduct***

## ***Intended Outcomes***

### **Focus Area**

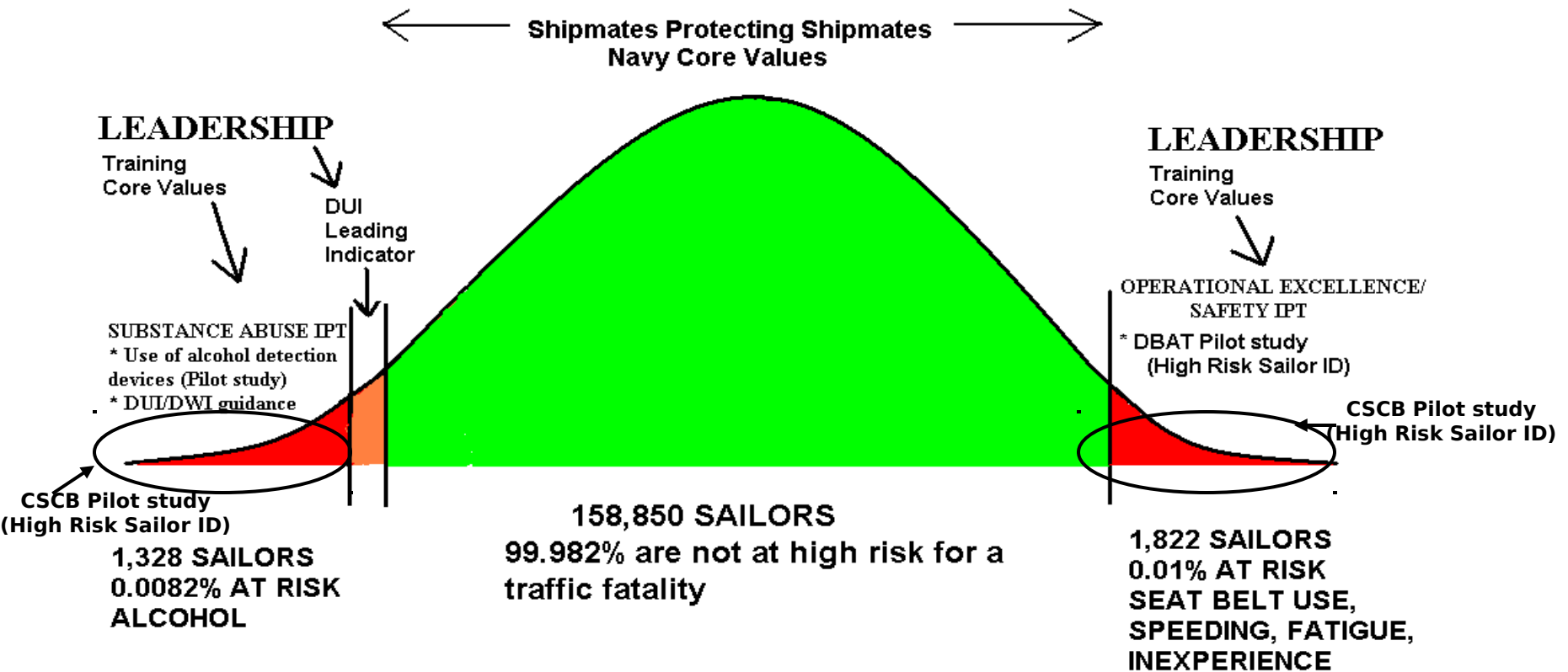
### **Intended Outcomes**

|  |  |
|--|--|
| <b>- Pride and Professionalism</b>         | <b>Commitment to our shared community and Navy core values is internalized at every level and is exhibited through holistic stewardship of Navy heritage, culture and resources.</b>   |
| <b>- Operational Excellence and Safety</b> | <b>Operational excellence is exhibited in all areas contributing to Navy mission. Operational Risk Management principles are fully embraced to reduce injuries, manage risk, and create a culture of safety on and off-duty.</b> |
| <b>- Sailor Relations</b>                  | <b>Professional courtesy, mutual respect and personal responsibility are exhibited by all members of the Navy family to enable warfighter effectiveness and mission success.</b>   |
| <b>- Substance Abuse Prevention</b>        | <b>Plans, policy and resources to prevent substance abuse in place and used consistently fleet-wide, thereby improving and sustaining readiness.</b>   |
| <b>- Culture of Fitness</b>                | <b>Improved operational readiness facilitated through Command environments focused on incorporating healthy life style changes into daily routine.</b>   |

**Leadership involvement is the key - Commanders and CPOs**



# Target Deviation From Core Values





# ***Pride and Professionalism***

**Objective:** Establish and enforce consistent behavior, uniform and off-duty attire standards



**Measurable Objectives:** Number of personnel trained and tools distributed. Attrition and Retention, Core Value Quick polls

## **Current Actions/Status:**

- “Warriors of Character” Fleet Briefs by Sr. Khaki & Chaplains
- Distribution of Core Values posters
- NPP Program/Command Indoctrination
- Character - 2007 Survey results: **90+%** believe in Core Values; **60%** believe command practices Core Values
- Attrition (increase)/Retention (decrease) for Zone “A”
- Chiefs Standards and Conduct Board - Pilot Oct 07- Jan 08

## **Future Actions:**

- Jun 08 Rollout of Navy Pride and Professionalism Program to replace NR&R; Shipmates protecting Shipmates



# Operational Excellence and Safety

**Objective:** To ensure operational excellence within our forces while keeping personnel safe and equipment ready



**Key Message:** *ORM; Safety = Readiness*

**Measurable Objectives:** Private Motor Vehicle fatalities, Recreational Off-Duty fatalities and Operational Class A Mishaps.

## Current Actions/Status:

- Engaged leadership in mentoring Sailors
- Fleet and the Naval Safety Center conducting Driver History Profile pilot aligned with Chiefs' Standards and Conduct Board at six commands - Oct 07 - Jan 08
- Implementing Risk Management Assessment models during Fleet Response Training Plans
- **38% reduction\*** in PMV fatalities, **50% reduction** in recreational Off Duty Fatalities, **10% reduction** in Class A Mishaps from FY06 to FY07
- Travel Risk Management Plan
  - Alter leave chits (coordinate with PERS)

## Future Actions:

- High Risk Sailor ID Model(s) assessed for future employment
- Add CMC billet to Safety Center
- \* Motorcycle Safety - Assist CNIC/NSC to conduct motorcycle SMARTrainer and U.S. Navy Motorcycle Association pilots



# Sailor Relations

**Objective:** Ensure professional courtesy, mutual respect and personal responsibility are exhibited by all members of the Navy family to enable warfighter effectiveness and mission success

**Key Messages:** *Unprofessional conduct erodes the Navy team*



**Measurable Objectives:** Cases of Domestic Violence & Sexual Assaults (sailor on sailor, sailor on civilian, civilian on sailor); Blue on Blue Violence and Fraternization reported/documented. Tone of the Force trends.

## Current Actions/Status:

- Focused Leadership and Lifeskills pilot indicated substantiated **domestic violence** and **sexual assault** cases **decreased by 50%**
- Providing Leadership and Life Skills training USFF wide
- Implement Chiefs Standards and Conduct Board (Pilot Oct 07 - Jan 08)
- Increased capacity of Fleet and Family Service Centers to meet increasing Fleet demand through GWOT funding and training

## Future Actions:

- Identify initiatives to reduce Fraternization and Blue on Blue
- Develop follow on training for Leadership and Lifeskills



# ***Substance Abuse Prevention***

**Objective:** Implement a combination of education and deterrence to reduce Drug attrition by 20% and DUI/DWI's by 15%



**Key Messages:** *Drug and Alcohol abuse affect readiness*

**Measurable Objectives:** *100% compliance with urinalysis sampling requirement (15% of command per month). Reduction of DUI/DWI arrests (15%). Reduction of drug abuse attrition (20%).*

## **Current Actions/Status:**

- CNO released P4 on DUI/DWI guidance (211155Z SEP 07)
- Command driven initiatives for 0-0-1-3 Plan/ SAVE A life Tours
- **Reduction of 20%** in DUI/DWI FY06 to FY07 across USFF
- **Reduction of 16%** in DUI/DWI FY06 to FY07 in Hampton Roads
- **Reduction of 16%** in drug abuse attrition
- **57% Urinalysis compliance (12% of command per month average across USFF)**

## **Future Actions:**

- PAC/LANT TYCOMs info USFF on SITREPS and OPREPs - Fleet wide visibility
- Identify initiatives to deglamorize alcohol abuse and evaluate for effectiveness



# ***Culture of Fitness***

**Objective:** Standardize fitness & wellness throughout the Fleet; improve data being used to measure progress; better communicate to the Fleet what fitness resources are available to them and what's being developed and to assess platform specific fitness practices and capabilities



**Key Messages:** *Our profession requires us to be physically fit and mentally tough 24/7/365.*

**Measurable Objectives:** Assessment of Physical Readiness Information Management System (PRIMS) data for accountability; Physical Fitness Assessment attrition; Standard Navy Core Nutrition Menu implementation

**Current Actions/Status:**

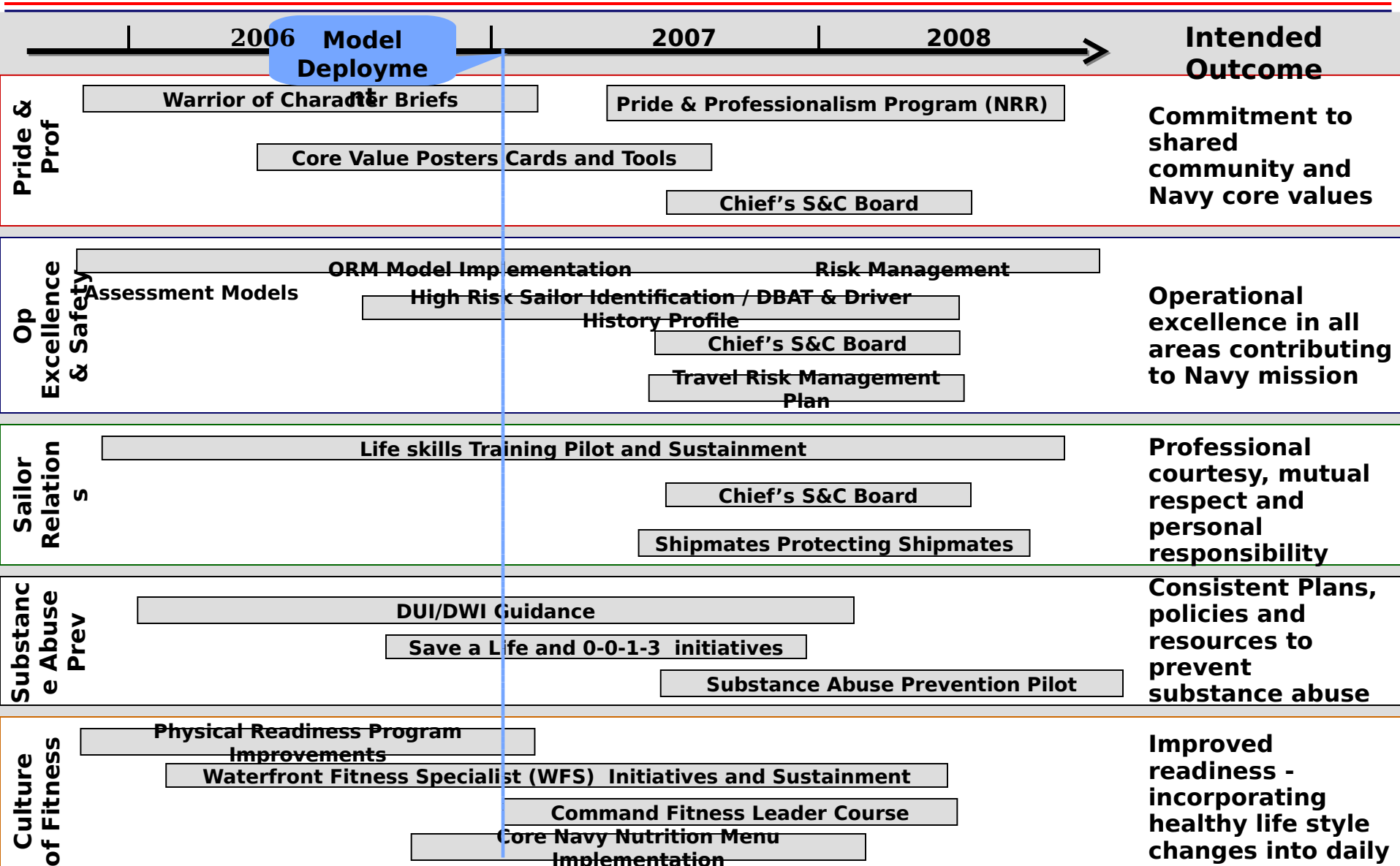
- **Implemented healthy Standard Navy Core Nutrition Menu for Fleet**
- **Providing visibility/transparency of Fitness data (Web-based PRIMS Commanders report)**
- **Waterfront Fitness Specialist Pilot - FY08 Funding plan**
- **PRT failures were reduced by 37% over the past year**
- **Standard Navy Fitness uniform approved**
- **Standardized Command Fitness Leader curriculum Fleet delivery Oct 07**

**Future Actions:**

- **Study plan with CNIC to implement Navy Core Nutrition Menu ashore**



# Fleet Standards and Conduct - Way Ahead



**Strategic Comms:** Word to Warriors, HOWGOEZIT, Monthly S&C Posters, Best Practice Messages





# ***Summary***

- **Fleet Standards and Conduct initiatives consistent with Navy Core Values**
- **USFF Commanders - Actions:**
  - **Accountable for Standards and Conduct effectiveness**
  - **Partner with Provider Commands to develop resources and provide services**
  - **Share best practices and lessons learned**
  - **Provide status and feedback to USFF - visibility and assessment**

**Leadership involvement is the key - Commanders and CPOs**



# ***BACK UP***

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# ***Sailor Risk Reduction Initiatives***

- ***Cell Phone Policy***
- ***CO Adjudication of all Moving Traffic Violations***
- ***Self-Reporting Traffic Convictions***
- ***TRiPS (Travel Risk Planning System)***
- ***Travel Limitations***
- ***Limited Travel Radius***

***Operational Excellence/Safety IPT***

➤ **Green** = Implementation consistent with Fleet effort

➤ **Red** = Implementation not consistent with Fleet effort

- ***Bottle-to-Duty Limitations***
- ***Use of Alcohol Detection Devices***
- ***DUI/DWI Guidance - Msg with DNS***

***Substance Abuse IPT***

- ***Phased Liberty***
- ***Chief's Standards and Conduct Board***
- ***Shipmates Protecting Shipmates***
- Pride and Professionalism/***
- Sailor Relations IPT***



# Chief's Standards and Conduct Board

Pilot Program

10 October 2007



# Pilot Status

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- **All Commands briefed**
- **Recommended Start/End**
- **Desired outcome**





# Operations Safety Committee update



# Ops Safety Committee Update

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## **Enterprise Lead WG**

- SURFOR Driver History Profile pilot project
  - AIRFOR Operational Risk Management Assessment System (ORMAS)
- 

## **Operational Risk Management/Training WG**

- ORM assessment process
  - Time Critical Risk Management Training
- 

## **Acquisition SSAB WG**

- Improved Flight Deck Cranial procurement funding





# **Operations Safety Support Committee Update**





# Operations Safety Support Committee (OSSC)

## **OSSC Membership**

- CNIC (Chair)
- CPF
- USFF
- NAVSAFECEN
- BUMED
- NAVAIR
- NAVRES
- MSC
- NETC
- PRESINSURV
- NAVSEA
- NAVFAC
- SPAWAR

## **Focus Areas**

- Traffic Safety and Recreational Off-Duty (TS/RODS)
- Occupational Safety and Health (OSH) Programs, Policies, and Initiatives
- Safety Data Management
- Safety Training (shared with OSC)



# OSSC Focus Area Actions

## TS/RODS (CNIC/FLEET)

### Accomplishments

### Way Ahead

- Evaluated TRiPS and related performance metrics and recommend encouraging commands' use of TRiPS travel risk software as a mishap reduction tool
- Evaluated National Safety Council's "Alive at 25" behavior modification training and recommended a pilot program
- Developed draft RODS MIR template for use as a guide
- Navy Safety Center pulse Navy motorcyclists and identify what is needed to attract riders to join Navy Motorcycle Association/Club by Dec 07
- Conduct "Alive at 25" pilot training in Mar 08
- Complete Motorcycle Safety Foundation SMARTrainer evaluation pilot in Jan 08 to enhance training for first time motorcycle operators in simulated traffic hazard scenarios
- NSC to promulgate OPNAVINST 5100.12H, Navy Traffic Safety Program, by Dec 07



# OSSC Focus Area Actions

## OSH (CNIC/FLEET)

### Accomplishments

### Way Ahead

- Developed draft communications plan on noise and hearing loss to address DASN (S) concerns and increase awareness
  - Investigated existing noise reduction studies of afloat and ashore high noise hazard areas and identified best practices for consideration by Operations Safety Committee Acquisition WG
  - Completed 10-year analysis of Aerial Work Platform (man-lift) mishap data from Naval Safety Center's Web-Enabled Safety System (WESS) to identify mishap causal factors
- Draft message on noise communication plan by 15 Nov 07
  - Make recommendations for changes to hearing loss related directives as needed
  - Identify Aerial Work Platform user training requirements and de-conflict existing Navy policies by May 08
  - Finalize Afloat Fall Protection Guidelines by Feb 08
  - Assist CNO-09F with review of OPNAVINST 5100.23 series, Navy Occupational Safety and Health Manual by April 08
  - Finalize implementation guidance for OSHA VPP by Feb 08



# OSSC Focus Area Actions

## Safety Data Management (BUMED)

### Accomplishments

### Way Ahead

- Conducted kick-off meeting on Sep 25 and clarified working group tasks assigned by OSSC
  - Initiated process to identify behavioral leading indicators that will define data collection efforts
  - Identified distinct business models that need safety data management support
    - RMIS study will yield additional details
  - Initiated process to identify safety/mishap injury data collection tools
- OSSC SDM WG will review and plan execution of recommended Booz-Allen-Hamilton model upon release by DASN
  - SDM WG review BAH report within 6 weeks of release and assign appropriate taskings
- Seek DASN approval by 1 Nov 07 for access to workers' compensation data by Navy safety professionals
- Hold web-seminars on Defense Safety Enterprise System, Tri-Service WG's Common Data Elements, and RMIS

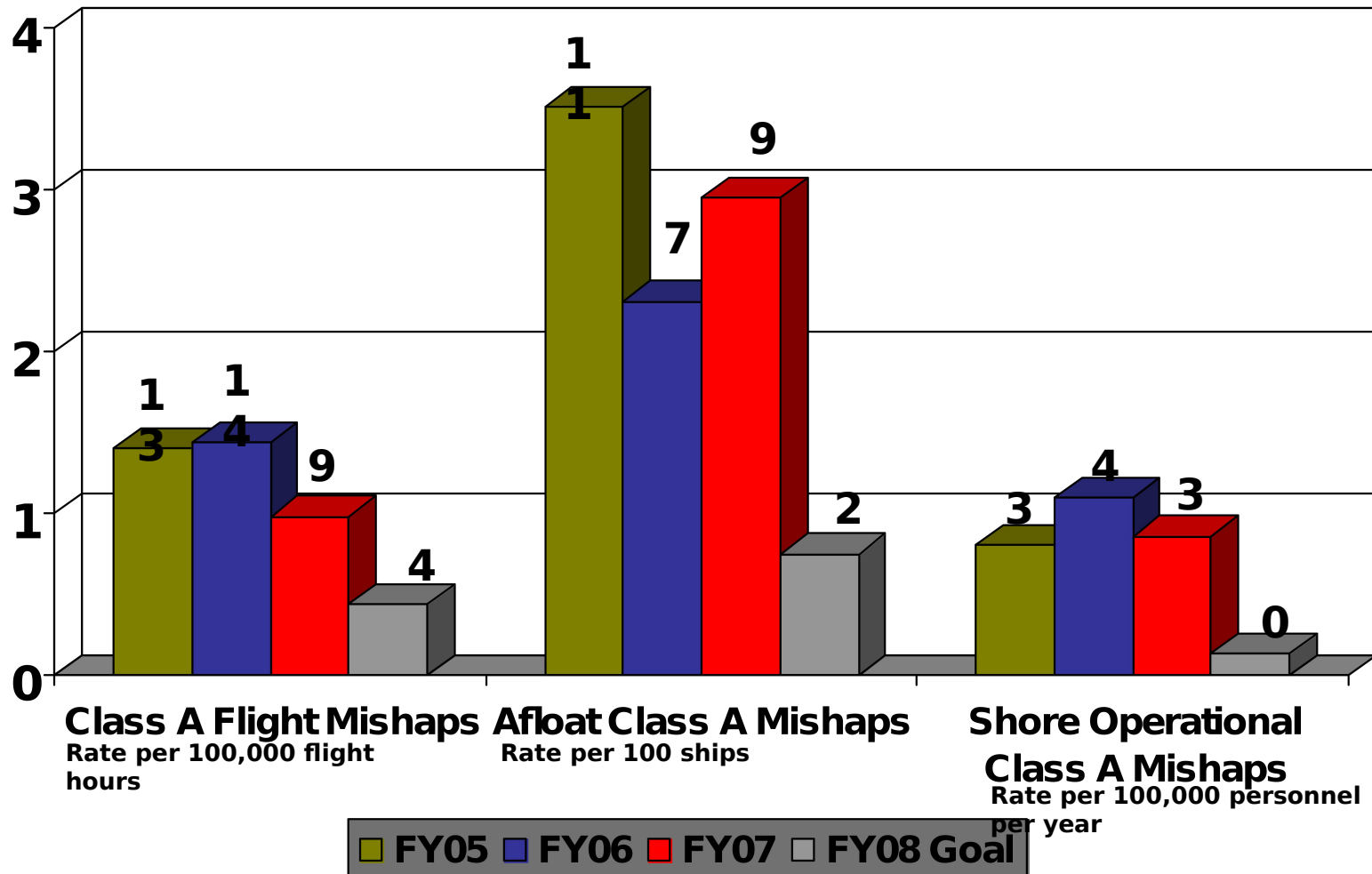




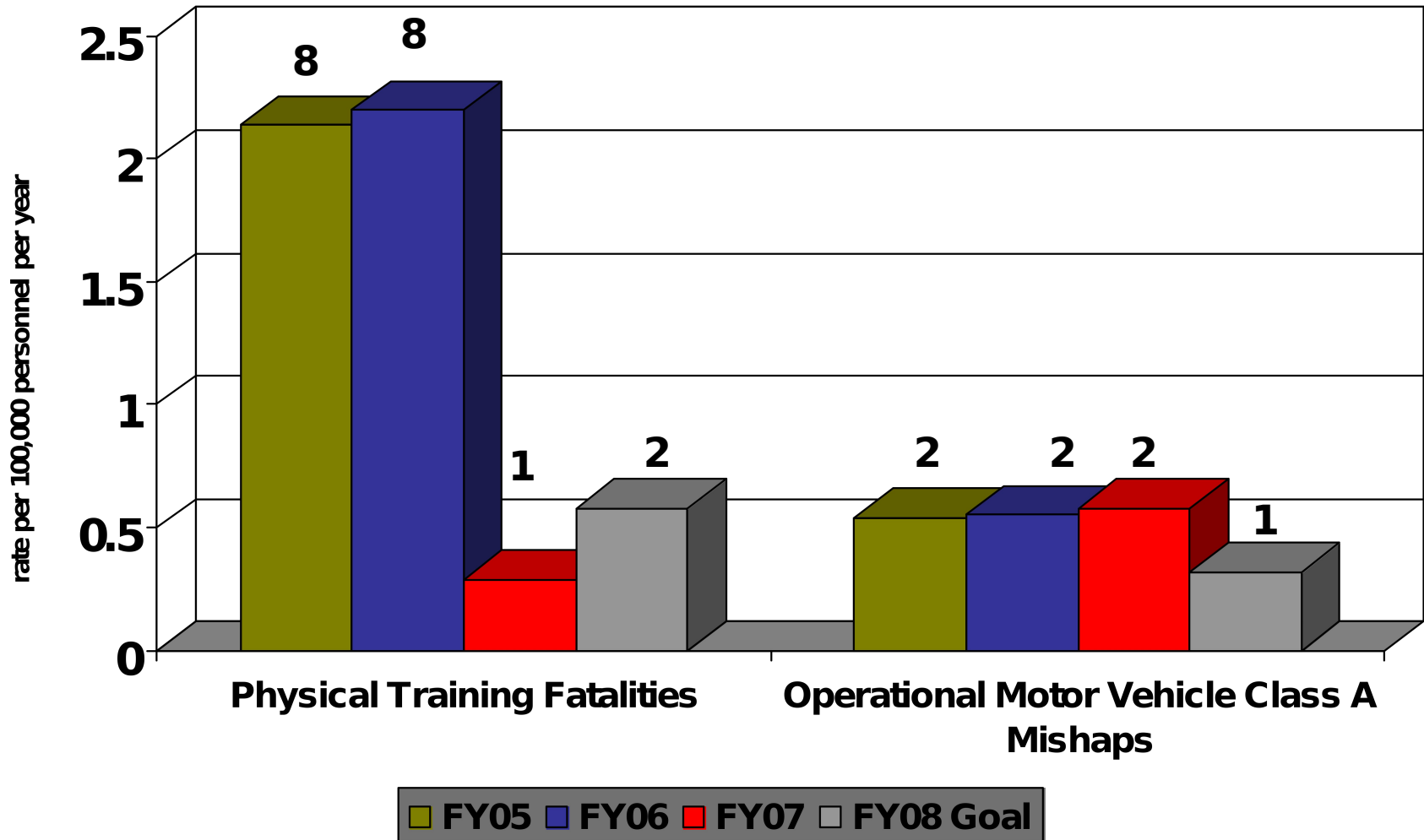
# Navy Mishap Statistics



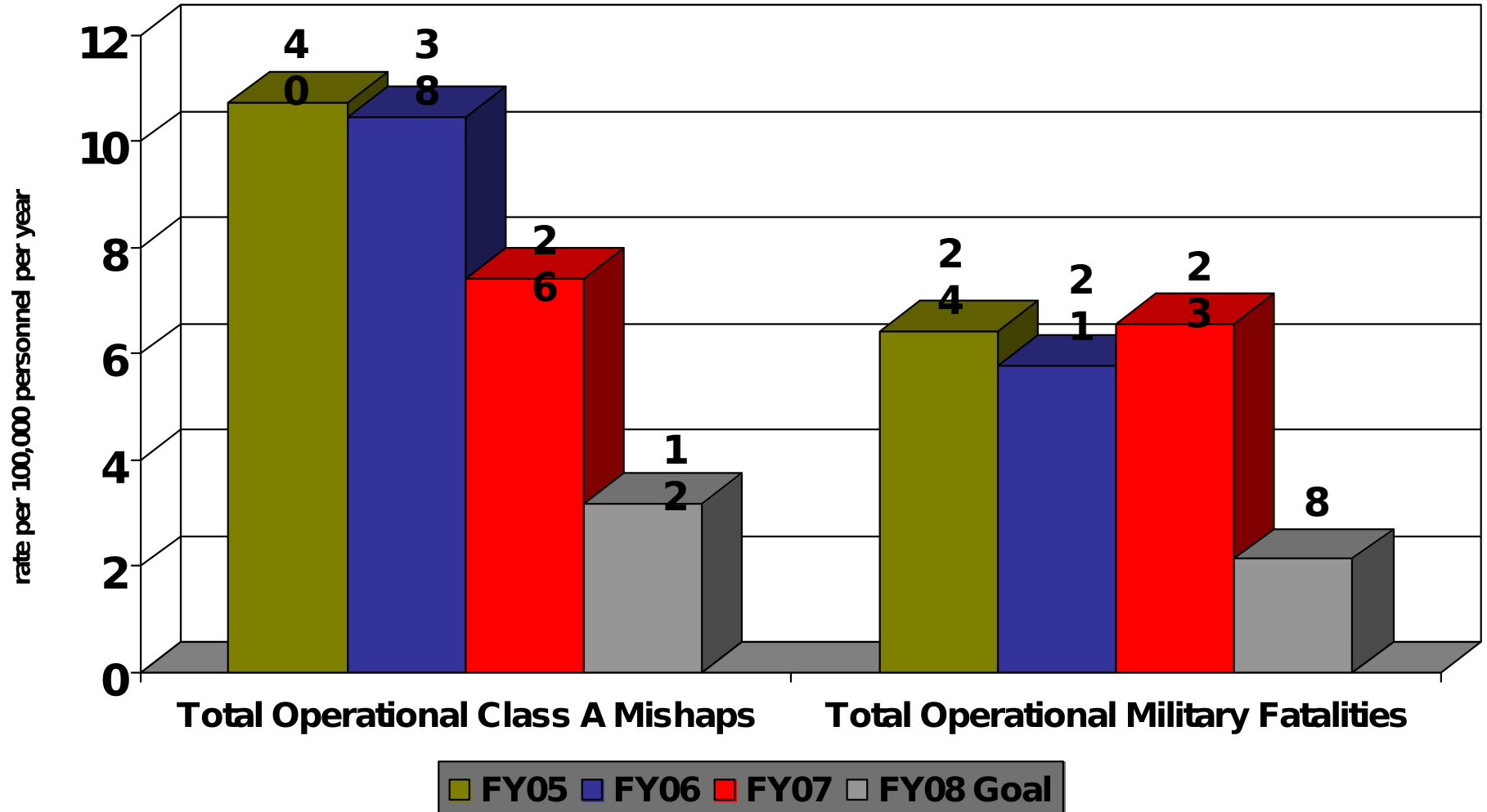
# Operational Mishaps



# Operational Mishaps

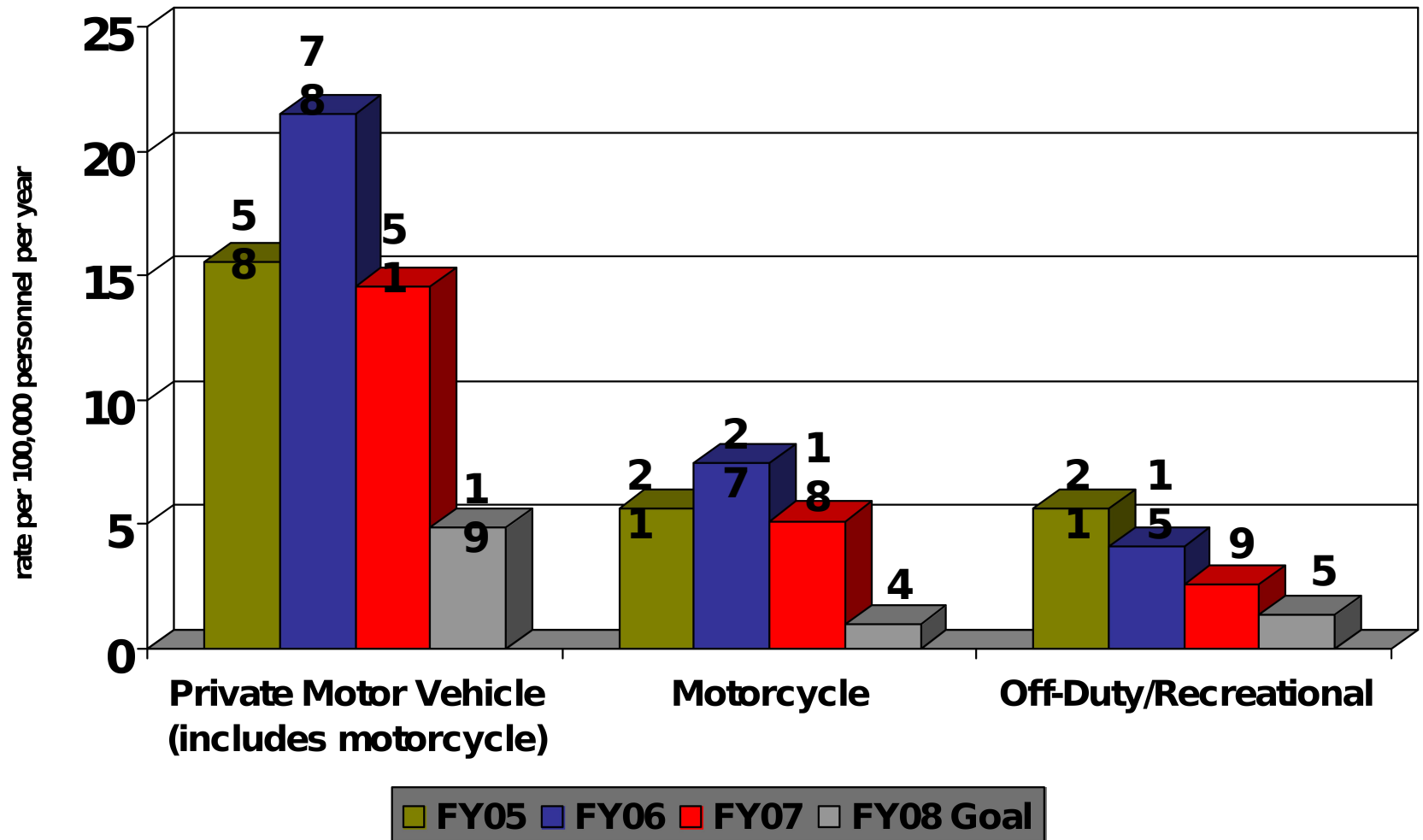


# Operational Mishaps





# Off Duty Fatalities



# FY07 TRENDS

- OPERATIONAL

- Aviation

- 10 class A mishaps.
      - 7 pilot error, 1 material (EA-6B), 2 undetermined
    - Surveys, Culture workshops, MCAS help reduce maintenance error.
    - Human error still predominate factor
    - Improved Time Critical ORM may have prevented mishaps.

- Afloat

- Human error also predominate factor.
    - 6 of 9 class A may have been prevented with better ORM procedures and/or following established procedures.



# FY07 TRENDS

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- OFF-DUTY

- PMV

- Fatality rate best ever until last weekend of FY.
    - 4-wheel rates are down, motorcycle up.
    - 4-wheel reduction driven by 17-24 age group.

- Off Duty/Recreation

- Deaths

- Water, Guns, Alcohol

- Injuries

- Sports, and motor vehicles





# High Risk Behavior Working Group

CAPT John J. Lee  
NAVSAFECEN  
Command Flight Surgeon



# Members

- **Naval Safety Center**
- **Human Performance Center**
- **Naval Health Research Center**
- **Center for Personal and Professional Development**
- **Naval Environmental Health Center**
- **United States Fleet Forces**
- **BUPERS**
- **U.S. Naval Academy**
- **Fleet and Family Support Center**
- **COMPAFLT**
- **AJAG (Civil Law)**



# Proposed Way Ahead

- Specifically categorize the particular Sailor behaviors we seek to control/mitigate.
  - Examples – Reckless Motorcycle/PMV Use, Personal Misconduct, Alcohol & Drug Abuse.
- Once categorized, link scientific studies that identify risk factors for each separate behavior.
  - If knowledge gap exists, either find existing studies (e.g., insurance industry) or create (contract for study).
- Develop Behavior Risk Management (BRM) program.
  - Provide identified risk factors and tools to commanders and Chiefs' Standard and Conduct boards.
    - Used to screen Sailors to reduce Sailors' misconduct or high risk behaviors.



**Naval Health Research Center**  
**Factors associated with misconduct**

**Dr. Renee Reitz**  
**Factors associated with PMV Crashes**

|  |   |
|--|---|
| <b>Abuse alcohol</b>                         | <b>Alcohol-Involved Driving</b>                 |
| <b>Have hostile attitudes</b>                | <b>Driving while Fatigued</b>                   |
| <b>Behave impulsively</b>                    | <b>Driving with Excessive Speed</b>             |
| <b>Have friends who commit criminal acts</b> | <b>Lack of Protective Equipment (seatbelts)</b> |
|  | <b>Suspended Licenses</b>                       |



# Obtain Necessary Data (Why?)

## ➤ Data Collection

- Determine location and timeframe for collection. Use SITREPS for incident information/notification.
- Add questions to SITREPS to elicit the why factors from Sailors who have committed misconduct.
- Provide questionnaire to Command CMC for distribution to member involved in misconduct. \*\* Ensure legal and privacy issues are addressed.
- Analyze data for common trends to develop metric based traits for misconduct.

## Example

- Collect 21 days of misconduct SITREP data from Norfolk AOR.
- Obtain completed questionnaire from Sailors involved in misconduct
- Provide trend analysis for future involvement of Leadership.

## Outcome

- Progress from policy enforcement only to focus on implementation of current policy and inclusion of prevention efforts using resources within command life lines based on results of trend analysis





# Misconduct Studies - High Risk Factors

- **Dr. Larson Study**

- Moral Waiver
- High School Misconduct
- Alcohol and Tobacco Use
- Peer Group Misconduct
- History of Mental Health Problems
- Traits include: impulsivity, rebelliousness, hostility, sense of entitlement, sensation-seeking, immaturity

- **USFFC/AIRPAC Paper**

- Young Age
- Male
- Active, Dangerous Hobbies
- Binge Drinking
- Spontaneous
- Owns Motorcycle
- Easily Angered
- Independent



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# NESB Discussion



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# Closing Comments

